APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/895,230	06/29/2001	Larry George Fichtner	AUS920010374US1	8638

35525	7590	02/10/2005

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EXAMINER
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ART UNIT	PAPER NUMBER
2134	

DATE MAILED: 02/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/895,230	FICHTNER ET AL.
	Examiner	Art Unit
	Jonathan R Adams	2134

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>*29 June 2001*</u>.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☐ Claim(s) _____ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-32* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2.   Claims 1-32 rejected under 35 U.S.C. 102(b) as being anticipated by "Internet

Authentication Service for Windows 2000" hereafter referred to as IAS.

3.   As to claim(s) 1, 16, 17:

IAS teaches a method for integrating a plurality of servers comprising:

- Transmitting an authentication request from a first server to authenticate a user

  in a database registry / the NAS forwards the authentication request to an IAS

  server in the form of a RADIUS Access-Request packet (Page 8, Line 16, IAS)

- Authenticating the user in the database registry / Directory contains user account

  data (Page 8, Fig 1, IAS)

- First server constructing a credential of the user / The IAS server verifies that the

  RADIUS Access-Request packet is sent from a configured RADIUS client by

  checking the source IP address. If the Access-Request packet was sent by a

  valid RADIUS client and digital signatures are enabled for the RADIUS client, the

  digital signature in the packet is checked using the shared secret (Page 8, Lines

18-22, IAS). User information is transmitted though the NAS placed in an access

request packet can be interpreted as constructing a credential of the user.

- Accessing a resource from a second server based on the credential of the user

   and a protection policy applied to the resource in an object name space

   associated with the first server / User attempts to connect to a network (resource)

   associated with first server (NAS) (Page 8, Line 9, IAS)

4.   As to claim(s) 2:

First server is an authentication server / Network Access Server (Page 8, Fig 1, IAS).

The network access server takes part in the authentication process and can therefor be

defined as an authentication server.

5.   As to claim(s) 3:

Second server is an application server / IAS server uses software to function and can

therefore be defined as an application server (Page 8, Line 23, IAS)

6.   As to claim(s) 4:

Plurality of servers are heterogeneous servers / Servers employ differing functionality

and can therefor be defined as heterogeneous servers (Fig 1, Page 8, IAS)

7.   As to claim(s) 5:

Application constructs a credential of the user using a user identifier and a user

password / the user's credentials (User name and password) are authenticated against

the user name and password of the accounts database (Page 51, Lines 4-8, IAS)

8.   As to claim(s) 6:

Registry information in the existing database includes at least one user registry

information and group registry information / users credentials are authenticated against

the user name and password of the accounts database. The group membership of the

user account is then determined (Page 51, Lines 4-9, IAS)

9.   As to claim(s) 7:

Servers integrated with an use of an adapter / If the IAS server computer is returning

the Access-Accept message using a different network adapter from the one on which

the Access-Request message was received, the NAS may not recognize the message

and discard it. In this case, you can add persistent static IP routes to the routing table of

the IAS server computer so that the Access-Accept messages to the NAS are sent out

on the same interface on which the Access-Request messages are received. (Page

108, Lines 25-30, IAS)

10.   As to claim(s) 8:

Adapter is a user registry adapter / the network adapter processes user registry

information and can therefore be defined as a user registry adapter.

11.   As to claim(s) 9:

Storing a definition of the user in a database associated with the second server / IAS

(Second server) consults an authentication module.... The user's credentials (User

name and password) are authenticated against the user name and password of the

accounts database (Page 51, Lines 4-8, IAS)

12.   As to claim(s) 10, 11:

Creating an application server database in the second server / Protecting application

specific data required for an operation of the second server / Application specific

database is a meta—data database / If the authentication of the credentials is not

successful, an Access-Reject packet is sent and the authentication failure event is

logged in the system event log or the IAS authentication log, depending on the

configured logging settings. (Page 51, Line 10-13, IAS)

13.   As to claim(s) 12:

Resource is a web resource / IAS can be set up to support a corporation that has

outsourced its remote dial-up access to an Internet service provider (ISP) (Page 76,

Lines 23-25, IAS). Access to the world wide web through internet connectivity can be

defined as a web resource.

14.   As to claim(s) 13:

Receiving a disable request by an adapter integrating the plurality of servers responsive

to disable request on second server / If the user is not authentic or the user's attempt to

connect either does not match conditions in at least one policy or matches conditions in

a policy that denies access, IAS sends a RADIUS Access-Reject message to the NAS

(through network adapter), and the NAS disconnects the user (Page 9, Paragraph 4,

IAS).

15.   As to claim(s) 14:

Receiving the disqualification request by an adapter responsive to disqualify request on

second server / If the user is not authentic or the user's attempt to connect either does

not match conditions in at least one policy or matches conditions in a policy that denies

access, IAS sends a RADIUS Access-Reject message to the NAS, and the NAS

disconnects the user (Page 97, "Remote access Account Lockout", Paragraph 3, IAS).

In IAS, the second server the Internet Authentication Server (second server) is

responsible for authentication and the Network Access Server (first server) is

responsible for access disqualification prompted by the IAS through the network

adapter(s).

Remove a definition associated with user from a first database associated with the

second server / the definition of the user as being valid is removed

Removing definition associated with the user from second database with second server

/ If the authentication of the credentials is not successful, an Access-Reject packet is

sent and the authentication failure event is logged in the system event log or the IAS

authentication log, depending on the configured logging settings. (Page 51, Line 10-13,

IAS)

16.   As to claim(s) 15:

First database is a registry database and the second database is a metadata base/

Directory contains user account data (Page 8, Fig 1, IAS) / If the authentication of the

credentials is not successful, an Access-Reject packet is sent and the authentication

failure event is logged in the system event log or the IAS authentication log, depending

on the configured logging settings. (Page 51, Line 10-13, IAS)

17.   Claims 18-32 correspond to claims 1-15 ·

Conclusion

18.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Jonathan R Adams whose telephone number is

(571)272-3832. The examiner can normally be reached on Monday – Friday from 10am

to 6pm.

19.   If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Gregory Morse, can be reached on (703) 308-4789. The fax phone number

for the organization where this application or proceeding is assigned is (571)272-3838.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 305-3900.

GREGORY MORSE
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TECHNOLOGY CENTER 2100